ABSTRACT

A method of treating ocular disorders involving angiogenesis includes the steps of providing a trans-scleral drug delivery device comprising an insert stabilizer for attachment to a scleral surface and having an interlock opening and a replaceable implant having a reservoir adjacent the scleral surface and an interlock tab, wherein said insert stabilizer and said replaceable implant are removeably connectable by mating said interlock tab and said interlock opening; providing an anti-angiogenic factor; introducing said anti-angiogenic factor into said reservoir; and attaching said insert stabilizer to the scleral surface. The reservoir can be refilled by disengaging the implant from the stabilizer, inserting a new dosage of anti-angiogenic factor, and reconnecting the implant to the stabilizer or injecting a new dosage of anti-angiogenic factor into the reservoir through an injection port in the stabilizer.